

ENVIRONMENTAL

No. **57351E**

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office MAR 26 1992

Returned to applicant for correction _____

Corrected application filed _____

Map filed MAR 26 1992

The applicant Naval Air Station, Fallon - Public Works Dept.

Environmental Division, of Fallon,
Street and No. or P.O. Box No. City or Town

Nevada 89406 - 5000, hereby make application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) The operation of a research soil remediation system which will pump groundwater at maximum of 25 gpm to remove spilled fuel from the subsurface.

1. The source of the proposed appropriation is ground water
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.056 (25gpm) second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet _____

3. The water to be used for environmental research project - water will be discharged
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use. to sanitary sewer.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated N/A

(b) Stockwater, state number and kinds of animals to be watered N/A

(c) Other use (describe fully under No. 12. "Remarks") Recovery of spilled fuel.

(d) Power:

(1) Horsepower developed N/A

(2) Point of return of water to stream N/A

5. The water is to be diverted from its source at the following point said point is located in the
Describe as being within a 40-acre subdivision of public

NW $\frac{1}{4}$ of NW $\frac{1}{4}$, Sec. 15, T18N, R29E, MDB&M; from whence the W $\frac{1}{2}$ corner of Section
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

10, T18N, R29E, MDB&M bears N 13°57'41"W a distance of 3312.59 feet. (HA 101),
UTM N4365.95 Km, E352.17 Km (zone 11)

6. Place of use Section 15, T18N, R29E, MDB&M; (HA 101) UTM N4365.95 Km, E352.17 Km
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

(zone 11)

(1992-1995)

7. Use will begin about April 1 and end about March 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) 10 Wp above ground pump will be plumbed
State manner in which water is to be diverted, i.e. diversion structure, ditches and

to 48.2" i.d. pvc wells (See attachment A).
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works.....
 10. Estimated time required to construct works..... See attachment A for description of works.
 If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use..... System will be fully operational at time of full-scale start-up.

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

This project is an in situ bioremediation research project. Water is being removed in conjunction with the recovery of spilled JP-5 jet fuel. Maximum water flow will be at 25 gpm with continuous operation. Water will be primarily discharged to sanitary sewer, but may also be used to irrigate the treatment site (approx. 1 acre).

By s/ illegible
 NAVAL AIR STATION, FALLON PUBLIC WORKS
 FALLON, NV 89496-5000 DEPT.

Compared ap/ se ap/se

Protested.....

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for the determination if contaminated soil or groundwater exists at this site and if a remediation plan will need to be implemented. This permit will allow the withdrawal of groundwater for any remediation plan. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements kept of the amount of water pumped. It is understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other groundwater development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. The state retains the right to regulate the use of water granted herein at any and all times.

The right granted under this permit will cease upon the termination of this project.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.056 cubic feet per second, but not to exceed 13.21 million gallons annually.

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed before.....

Application of water to beneficial use shall be filed on or before.....

Proof of the application of water to beneficial use shall be filed on or before..... *

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No. Issued.....

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.
 State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 1st day of September

A.D. 1992

[Signature]
 State Engineer

(PERMIT TERMS CONTINUED)

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued pursuant to the provisions of NRS 533.4375. Well drillers reports for any well(s) drilled under this permit shall be filed within 30 days from the completion of the well.

Within 30 days after the completion of the project, the permittee shall notify the State Engineer of such completion and all wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

